

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Title Of Invention	Transformation Tool for Mapping XML to Relational Database
				Application Number	10/796,435
				Filing Date	03/09/2004
				First Named Inventor	Surajit Chaudhuri
				Art Unit	
				Examiner Name	
Sheet	1	of	3	Attorney Docket Number	301559.01

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Kind Code <sup>2</sup> Country Code <sup>2</sup> Number <sup>2</sup> (if known)				
	B					




OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C	S. Agrawal, S. Chaudhuri, and V. R. Narasayya. <i>Automated Selection of Materialized Views and Indexes for SQL Databases</i> . In VLDB, 2000.	
	D	S. Banerjee, V. Krishnamurthy, M. Krishnaprasad, and R. Murthy. <i>Oracle8i - The XML Enabled Data Management System</i> . In ICDE, 2000.	
	E	P. Bohannon, J. Freire, P. Roy, and J. Simeon. <i>From XML Schema to Relations: A Cost-Based Approach to XML Storage</i> . In ICDE, 2002.	
	F	N. Bruno, N. Koudas, and D. Srivastava. <i>Holistic Twig Joins: Optimal XML Pattern Matching</i> . In SIGMOD, 2002.	


Examiner Signature	<i>[Signature]</i>	Date Considered	8/19/04
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WPO Standard ST.16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

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	G	S. Chaudhuri and V. R. Narasayya. <i>An Efficient, Cost-Driven Index Selection Tool for Microsoft SQL Server</i> . In VLDB, 1997.	
	H	J. M. Cheng and J. Xu. <i>XML and DB2</i> . In ICDE, 1999.	
	I	V. Christophides, S. Abiteboul, S. Cluet, and M. Scholl. <i>From Structured Documents to Novel Query Facilities</i> . In SIGMOD, 1994.	
	J	A. Deutsch, M. F. Fernandez, and D. Suciu. <i>Storing Semistructured Data with STORED</i> . In SIGMOD, 1999.	
	K	M. F. Fernandez, A. Morishima, and D. Suciu. <i>Efficient Evaluation of XML Middle-ware Queries</i> . In SIGMOD, 2001.	
	L	D. Florescu and D. Kossmann. <i>Storing and Querying XML Data using an RDBMS</i> . IEEE Data Engineering Bulletin, 1999.	
	M	M. Klettke and H. Meyer. <i>XML and Object-Relational Database Systems - Enhancing Structural Mappings Based on Statistics</i> . In WebDB, 2000.	
	N	R. Krishnamurthy, V. T. Chakaravarthy, and J. F. Naughton. <i>On the Difficulty of Finding Optimal Relational Decompositions for XML Workloads: A Complexity Theoretic Perspective</i> . In IGDT, 2003.	
	O	A. Schmidt, M. L. Kersten, M. Windhouwer, and F. Waas. <i>Efficient Relational Storage and Retrieval of XML Documents</i> . In WebDB, 2000.	
	P	J. Shanmugasundaram, G. He, K. Tufte, C. Zhang, D. DeWitt, and J. Naughton. <i>Relational Databases for Querying XML Documents: Limitations and Opportunities</i> . In VLDB, 1999.	
	Q	J. Shanmugasundaram, E. J. Shekita, R. Barr, M. J. Carey, B. G. Lindsay, H. Pirahesh, and B. Reinwald. <i>Efficiently Publishing Relational Data as XML Documents</i> . In VLDB, 2000.	
	R	T. Shimura, M. Yoshikawa, and S. Uemura. <i>Storage and Retrieval of XML Documents using Object-Relational Databases</i> . In DEXA, 1999.	

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<i>AV</i>	S	G. Valentin, M. Zullani, D. C. Zillo, G. M. Lohman, and A. Skelley. <i>DB2 Advisor: An Optimizer Smart Enough to Recommend Its Own Indexes</i> . In ICDE, 2000.	
<i>AV</i>	T	H. Wang, S. Park, W. Fan, and P. S. Yu. <i>ViST: A Dynamic Index Method for Querying XML Data by Tree Structures</i> . In SIGMOD, 2003.	

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